

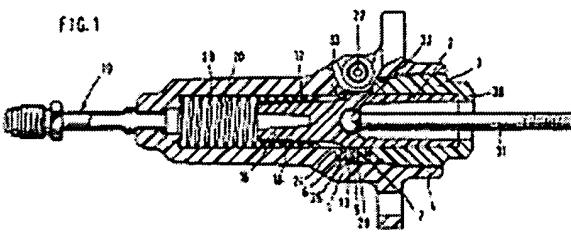
## Piston/cylinder unit of plastic

**Patent number:** DE3816610  
**Publication date:** 1989-11-30  
**Inventor:** SCHONLAU JUERGEN (DE); RITTER WOLFGANG (DE)  
**Applicant:** TEVES GMBH ALFRED (DE)  
**Classification:**  
- **international:** F15B7/08; F15B15/14; F15B15/20  
- **europen:** B29C45/26F; B60T11/16B; F16D25/12  
**Application number:** DE19883816610 19880516  
**Priority number(s):** DE19883816610 19880516

[Report a data error here](#)

### Abstract of DE3816610

A clutch master unit made of plastic for a motor vehicle is presented. The unit consists of a plastic cylinder housing (1) and a piston (2) as well as a plastic bush (3). The plastic bush can be screwed in by means of a thread (4) arranged in the housing. A grooved disc (5) and a grooved sleeve (6) are secured in the unit by screwing in the bush. The grooved sleeve is provided with knobs (21, 22, 23) which exert an axially directed force on the arrangement consisting of grooved sleeve (6) and grooved disc (5). Positioning of grooved sleeve and grooved disc free of play is thereby guaranteed. In addition, the invention makes it possible to do without reinforcing and supporting sheet-metal parts for the plastic parts.



Data supplied from the [esp@cenet](#) database - Worldwide

BEST AVAILABLE COPY